

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008172**Date Inspected:** 31-Jul-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Liu fa wen**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the time noted above for observations relative to the work being performed.

BAY#7

Ongoing Semi Automatic FCAW Welding of Weld Joint 2F-055 Located on SP3023-001 Welder no identified as 0202841 and The welding variables recorded by QC ZMPC Mr.Zhou Jie to comply with the WPS-B-T-2132-3.

BAY#6

Ongoing Heat Straightening of Strut Assembly WD1-A305-53m-4 witnessed and Report documented by ZPMC QC Mr.Wang Xiaobing as per record HSR1(T)-9948 and HSR1(T)-9947.

Ongoing SMAW Welding of Weld Joint 2F-045 Located on WD1-A305-65m-2 Welder no identified as 069493 and The welding variables recorded by QC ZMPC Mr.Wang Xiaobing to comply with the WPS-B-T-2112.

TRAIL YARD

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. He found some indication. This QA Inspector generated an MT report for this date. The member is identified as a Bike Path. The weld designations reviewed as follows:
BK003-001-36K.

WELDING INSPECTION REPORT

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During random verification Magnetic Particle Testing of the internal components of OBG Bottom Plate, Caltrans Quality Assurance (QA) Inspector discovered one Transverse indication 06mm in length in the Base metal(End Plate) location BK003-001-36K. These areas have been previously tested and accepted by ZPMC Quality Control MT Technicians.

For further information please see the Incident report

040120F4_TL-15_B255_07-31-09 Bike Path_MT_Transverse_Indication

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Jim Simonis - 134-7246-3441, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
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Reviewed By:	Clifford,William	QA Reviewer
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